

## **CAM-BASED SEARCH ENGINES HAVING PER ENTRY AGE REPORTING CAPABILITY**

### Abstract of the Disclosure

5 Integrated search engine devices include a content addressable memory (CAM) core that is configured to support at least one database of searchable entries therein and a control circuit. The control circuit is configured to support reporting to a command host of data identifying entries that have been aged out of the at least one database and/or entries that have exceeded an activity-based aging threshold. The control circuit is further configured to support age reporting that is programmable on a per entry basis within the at least one database.

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